

WOAH Reference Laboratory Reports Activities 2025

This report has been submitted: 30 décembre 2025 14:33

LABORATORY INFORMATION

*Name of disease (or topic) for which you are a designated WOAHO Reference Laboratory:	Rabies
*Address of laboratory:	
*Tel:	+40-374 32.20.00
*E-mail address:	Vlad.Vuta@idah.ro
Website:	http://www.idah.ro/
*Name (including Title) of Head of Laboratory (Responsible Official):	Florica Barbuceanu, a Assoc Prof. DVM, PhD, Director
*Name (including Title and Position) of WOAHO Reference Expert:	Vlad Vuta, DVM, PhD, Deputy Director
*Which of the following defines your laboratory? Check all that apply:	Governmental

TOR1: DIAGNOSTIC METHODS

1. Did your laboratory perform diagnostic tests for the specified disease/topic for purposes such as disease diagnosis, screening of animals for export, surveillance, etc.? (Not for quality control, proficiency testing or staff training)

Yes

Diagnostic Test	Indicated in WOAHO Manual (Yes/No)	Total number of test performed last year	
		Nationally	Internationally
Indirect diagnostic tests			
FAVN	Yes	358	689
Direct diagnostic tests			
FAT	Yes	200	0
RTCIT	Yes	5	0
RT-PCR	Yes	13	0

TOR2: REFERENCE MATERIAL

2. Did your laboratory produce or supply imported standard reference reagents officially recognised by WOAHO?

No

3. Did your laboratory supply standard reference reagents (nonWOAH-approved) and/or other diagnostic reagents to WOAHO Members?

No

4. Did your laboratory produce vaccines?

Not applicable

5. Did your laboratory supply vaccines to WOAHO Members?

TOR3: NEW PROCEDURES

6. Did your laboratory develop new diagnostic methods for the designated pathogen or disease?

No

7. Did your laboratory validate diagnostic methods according to WOAHP Standards for the designated pathogen or disease?

No

8. Did your laboratory develop new vaccines for the designated pathogen or disease?

9. Did your laboratory validate vaccines according to WOAHP Standards for the designated pathogen or disease?

TOR4: DIAGNOSTIC TESTING FACILITIES

10. Did your laboratory carry out diagnostic testing for other WOAHP Members?

No

11. Did your laboratory provide expert advice in technical consultancies on the request of an WOAHP Member?

No

TOR5: COLLABORATIVE SCIENTIFIC AND TECHNICAL STUDIES

12. Did your laboratory participate in international scientific studies in collaboration with WOAHP Members other than the own?

Yes

Title of the study	Duration	Purpose of the study	Partners (Institutions)	WOAHP Member Countries involved other than your country
Study of Rabies virus strains isolated in Romania	ongoing project	WGS Characterization of the Rabies Virus strains circulating in Europe	Eurl For Rabies, NRLs for Rabies from Poland, Slovakia, Hungary, Moldova, Ukraine, Romania	FRANCE HUNGARY MOLDOVA POLAND ROMANIA SLOVAKIA UKRAINE
Characterization of human rabies virus strain isolated in Romania	ongoing project	advanced characterization of rabies virus strain, human origin, isolated in Romania	Germany, FLI	GERMANY

13. In exercising your activities, have you identified any regulatory research needs* relevant for WOAHP?

No

TOR6: EPIZOOLOGICAL DATA

14. Did your Laboratory collect epidemiological data relevant to international disease control?

Yes

If the answer is yes, please provide details of the data collected:

Data of surveillance and monitoring of Rabies collected by NRL

15. Did your laboratory disseminate epidemiological data that had been processed and analysed?

Yes

If the answer is yes, please provide details of the data collected:

Data of surveillance and monitoring of Rabies collected by NRL, first sent to EURL and after that shared to all EU NRLs

16. What method of dissemination of information is most often used by your laboratory? (Indicate in the appropriate box the number by category and list the details in the box)

a) Articles published in peer-reviewed journals:

1

Hurmuzache M, Gradinaru MA, Bărbuceanu F, Moțiu R, Popescu R, Lutić A, Müller T, Freuling CM, Vuta V. Death in the EU/EEA from autochthonous human rabies, Romania,

July 2025: a call for action. *Euro Surveill.* 2025 Oct;30(43):2500794.

b) International conferences:

1

Annual NRLs meeting organized by EURL

c) National conferences:

d) Other (Provide website address or link to appropriate information):

1

The Epidemiological Analysis made by NRL for Rabies is sent every year to Central Authority

TOR7: SCIENTIFIC AND TECHNICAL TRAINING

17. Did your laboratory provide scientific and technical training to laboratory personnel from other WOA Members?

No

TOR8: QUALITY ASSURANCE

18. Does your laboratory have a Quality Management System?

Yes

Quality management system adopted	Certificate scan (PDF, JPG, PNG format)	
ISO 17025	ISO 17025 certificate	Certificat acreditare 2025.pdf
ISO 17043	ISO 17043 certificate	IC 005 C IDSA 2025.06.16.pdf

19. Is your quality management system accredited?

Yes

Test for which your laboratory is accredited	Accreditation body
FAT/17025	Romanian Accreditation Body (RENAR)
RTCIT/17025	Romanian Accreditation Body (RENAR)
PCR/17025	Romanian Accreditation Body (RENAR)
Sequencing/17025	Romanian Accreditation Body (RENAR)
FAVN/17025	Romanian Accreditation Body (RENAR)
DRIT/17025	Romanian Accreditation Body (RENAR)
ELISA/17025	Romanian Accreditation Body (RENAR)
Tetracycline detection/17025	Romanian Accreditation Body (RENAR)
FAT/17043	Romanian Accreditation Body (RENAR)
ELISA/17043	Romanian Accreditation Body (RENAR)
Tetracycline detection/17043	Romanian Accreditation Body (RENAR)

20. Does your laboratory maintain a "biorisk management system" for the pathogen and the disease concerned?

Yes

We implemented requirements of ISO 35001:2019

TOR9: SCIENTIFIC MEETINGS

21. Did your laboratory organise scientific meetings related to the pathogen in question on behalf of WOA?

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No
22. Did your laboratory participate in scientific meetings related to the pathogen in question on behalf of WOAHP?

Yes

Title of event	Date	location	Role (speaker, presenting poster, short communications)	Title of the work presented
Dog population management	2025-12-01	Almaty, Kazakhstan	Speaker	One Health approach to dog-mediated public health risks

TOR10: NETWORK WITH WOAHP REFERENCE LABORATORIES

23. Did your laboratory exchange information with other WOAHP Reference Laboratories designated for the same pathogen or disease?

Yes

24. Are you a member of a network of WOAHP Reference Laboratories designated for the same pathogen?

Yes

NETWORK/DISEASE	ROLE OF YOUR LABORATORY (PARTICIPANT, ORGANISER, ETC)	NO. PARTICIPANTS	PARTICIPATING WOAHP REF. LABS
WOAHP RABLAB Network	Participant to WOAHP RABLAB Network meeting	14	All WOAHP Ref Labs

25. Did you organise or participate in inter-laboratory proficiency tests with WOAHP Reference Laboratories designated for the same pathogen during the past 2 years?

Yes

Purpose of the proficiency test:	Role of your Reference Laboratory (organiser/ participant)	No. participating Laboratories	Participating WOAHP Ref. Labs/ organising WOAHP Ref Lab
Rabies Serology Proficiency test organized by EURL	participant	92	14
Proficiency test for Rabies diagnosis	participant	31	4

26. Did your laboratory collaborate with other WOAHP Reference Laboratories for the same disease on scientific research projects for the diagnosis or control of the pathogen of interest?

Yes

Title of the project or contract	Scope	Name(s) of relevant WOAHP Reference Laboratories
Study of Rabies virus strains isolated in Europe	WGS characterization of the Rabies virus strains circulating in Europe	WOAHP Reference Laboratory for Rabies-France
Study of Human Rabies virus strain isolated in Romania	Advanced characterization of rabies virus strain, human origin, isolated from Romania	WOAHP Reference Laboratory for Rabies-Germany

TOR11: OTHER INTERLABORATORY PROFICIENCY TESTING

27. Did your laboratory organise or participate in inter-laboratory proficiency tests with laboratories other than WOAHP Reference Laboratories for the same pathogen during the past 2 years?

Yes

Purpose for inter-laboratory test comparisons ¹	Role of your reference laboratory (organizer/participant)	No. participating laboratories	Name of the test	WOAHP Member Countries
Proficiency test for rabies diagnosis by FAT	Organizer	41	Rabies diagnosis by FAT	MOLDOVA,

TOR12: EXPERT CONSULTANTS

28. Did your laboratory place expert consultants at the disposal of WOAHP?

Yes

Kind of consultancy	Location	Subject (facultative)
		One Health approach to dog-mediated public health

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Workshop	Almaty, Kazakhstan	risks
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29. Additional comments regarding your report:

No